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High precision and High speed laser engraver K40D with up and down working table

Applicable Material

The Computerized Mini Laser Engraving and Cutting Machine is suitable for various materials, such as bamboo piece, double-color planks, boulder, horns, leather, crystal, wood, organic plastic, fabrics, paper ,film, canvas , Acrylic, Plastics and painted/coated metals (metals that are not coated or painted will require a LMM spray). If you want to make sure this laser engraver will engrave on a certain item or cut a certain item, you are welcome to send me a sample of that item and I will test it for you. Just email me for details.

Applicable Industry

This machine is suitable to seal engraving, advertisement, art gift, garment, leather, toy, building upholster, computerized embroidery, packing and printing, paper product, garments sampling, large width tailoring, , shoemaking, furniture , model industry, craftwork and other industries.

Technical Parameters

Communication Interface	USB Port
Laser Type	CO2 Gas
Tube Trigger Volt	20KV
Tube Operating	15KV
Current	18~22mA
Engraving Area	12x8in.(30x20cm)
Maximum Item Size to Engrave	10.25W x 8.75L x 2.85H in.
Laser Tube (life	1500-2000 Hours
Laser Power	40W
Engraving Speed	0-180mm/s (0-7 in./s)
Cutting Speed	0-18mm/s (0-0.7 in./s)
Minimum Shaping	1 X 1mm (0.04 X0.04)in
Resolution Ratio	0.026mm / 0.001 in. (1000dpi)
Power Supply	110V/60Hz for USA, Canada, Japan etc. 220V~250V for other countries all over the world. Please tell us what voltage you want after you buy this item.
Resetting	less than 0.01mm (0.0004 in.)
Motor Type	Stepper Motor
Software Supported	CORELLASER (CAN SUPPORT CORELDRAW DIRECTLY). It can support Window 7/8/vista/XP
Power Consumption	less than 250W
Operating	32-113F (0-45C)
Graphic Format	PLT/DXF/BMP/JPG/GIF/PGN/TIF etc
Water Cooling	Water Pump include
Recommended Spare	Laser Tube, Focal lens, Reflection lens
Dimension OF this machine	95*63*49cm, and weight (included the plywood) is 50kgs.

How to use

Please see the User Manual to see how to set up and use this machine
Also after buy item, we will send you the video show you how to use this machine step by step

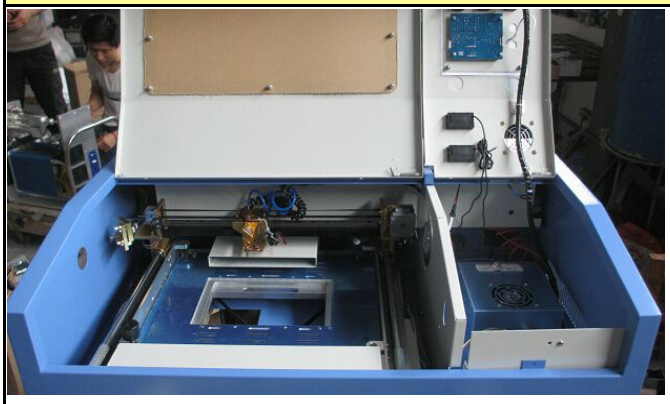
Why our product better than other similar product?

This machine integrates the newest light, machine and electricity mechanical movement to design this high precise and high speed three generation modal CO2 LASER Engraver.

1. Brand New with Software
2. More Precise Stepping Motor
3. Reinforced and thickened machine body makes transportation absolutely to be safer and longer life time
4. Built heat dispersed fan to reduce all electronic component's temperature
5. Built the micro-active switch to enable the machine do not light when canopy is open which enhance security
6. Support multiple graphic formats including PLT / DXF / BMP / JPG / GIF / PGN and TIF.
7. Engrave almost anything on almost any surface
8. Life time free maintenance service

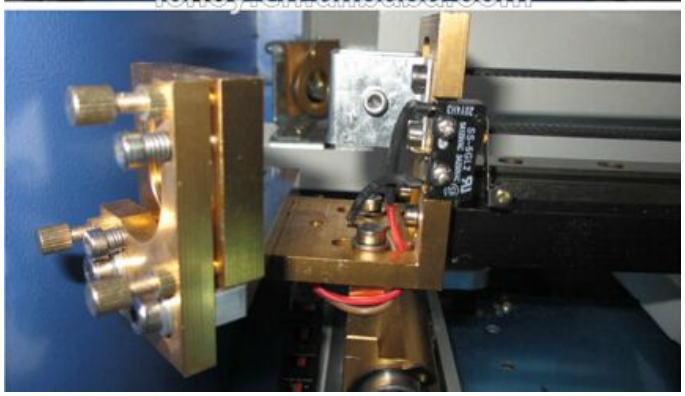
outlook of FL-K40D

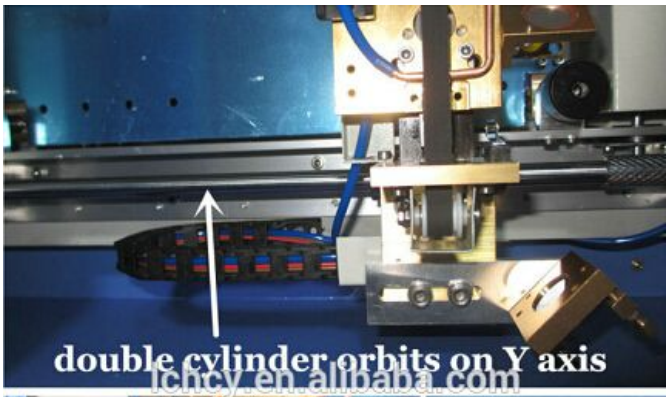
40W power laser tube



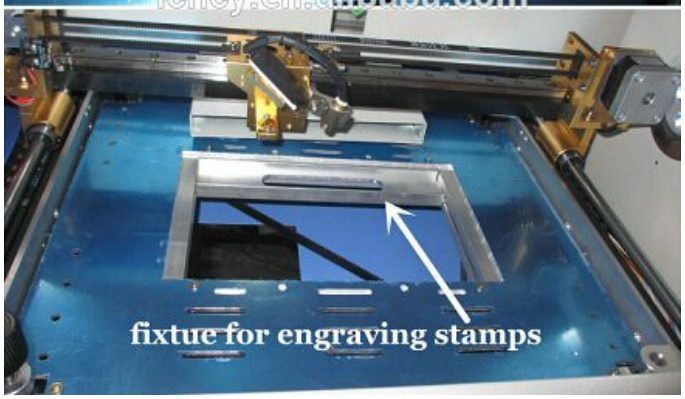
opening of FL-K40D

Machine label





machine inner details



machine worktable details

machine package